

U. S. Department of Agriculture
Agricultural Marketing Service
and
U. S. Department of Commerce
Weather Bureau

Nebr. Dept. of Agr. & Inspection
Division of Agr'l. Statistics
and
Agricultural Extension Service
Of Nebr. College of Agr.

NEBRASKA WEEKLY WEATHER AND CROP REPORT

Released 5-4-54 - 11:00 A.M.

Week Ending 5-3-54

WEATHER Seasonable temperatures prevailed during the first half of the week, but the latter half was abnormally cold with hard freezing, except in the southeast Monday morning. Precipitation averaged heavy in the east and north-central to light in the south-central and west. Snow fell over the Panhandle Saturday.

April was slightly warmer than normal. Precipitation was very deficient over most of the western and south-central portions of the State, and near normal over most of the eastern and north-central portions. A small area along the Missouri River received considerably more than normal rainfall.

CROPS Except for wheat that was damaged by wind and drouth and that which came up this spring, the crop made considerable improvement during the past week. Wheat is farther advanced than usual for this date and some of the wheat has started to joint. The crop is spotted and even some of the more advanced fields have some wheat that did not sprout until the late winter or early spring.

Kimball county and several of the southwestern counties show severe damage, chiefly from dry weather and high winds. Some damage from mosaic is reported. In a few western counties some fields have begun to turn brown and are showing the effects of insufficient moisture. Most of these fields have a heavy growth and with the heavy stooling have used most of the subsoil moisture.

There is some apprehension as to possible damage from the low temperatures but fortunately much of the wheat in the lower temperature areas was covered with snow, which minimized the danger from damage. Although wheat is much farther advanced than usual, very little of it had jointed which reduced the chance for damage from freezing.

A little corn has been planted. Farmers are eager for the temperatures to rise as most of the fields are ready for planting. Most of the oats and barley are up but the condition shows no change from a week ago.

Alfalfa, wild hay and pasture show some improvement during the past week. There was some winterkill of fall seeded alfalfa and some apprehension as to the damage to spring seeded alfalfa from freezing temperatures. Warmer weather is needed for these crops.

With the possible exception of some western counties, the surface moisture supply is now very good. Rains of the past week, including May 1 and 2 precipitation, were ample to replenish the subsoil supply to an appreciable extent in northern and eastern Nebraska. The northern half of the State has a far better supply of subsoil moisture than the southern half. Results of the soil moisture tests in the wheat belt which were made mostly before the rains of the past week will be released this week.

LIVESTOCK Part of the cattle are now on range and pasture. Some of the counties have used their supply of hay and feed. There were very few reports of losses from disease but wet weather with snow and low temperatures may cause some loss of calves in the range area.

WEATHER BUREAU TELEGRAPHIC REPORT OF PRECIPITATION FOR WEEK ENDING MAY 3, 1954

<u>Eastern Division</u>	<u>Central Division</u>	<u>Western Division</u>
Grand Island 1.80	Burwell 1.92	Chadron .38
Lincoln 2.56	Lexington .14	Imperial .06
Norfolk 1.55	North Platte .39	Scottsbluff .16
Omaha 2.45	Valentine 1.50	Sidney .11
Sioux City 1.31		

1200 PRECIPITATION APRIL, 1954

	<u>Eastern Div.</u>	<u>Central Div.</u>	<u>Western Div.</u>
Average past week	0.84	0.80	0.50
Total since April 1	1.93	1.57	0.96
Normal since April 1	2.62	2.44	2.11

Precipitation Map for Month of April 1954

The map displays precipitation data across a region, with values ranging from 0.30 to 5.39. The data is organized into several distinct areas, each containing numerical values representing precipitation amounts.

Key values and areas include:

- Top Left Area:** 0.35, 0.68, 1.02, 1.16, 0.46, 1.13, 0.63, 0.64, 0.39, 0.59, 0.54, 0.30, 0.38.
- Top Center Area:** 2.21, 1.39, 1.78, 2.37, 2.06, 2.33, 2.35, 2.11, 1.78, 0.69, 1.17, 0.95, 1.08, 0.97.
- Top Right Area:** 2.39, 2.58, 2.56, 2.79, 2.98, 5.31, 3.83, 2.79, 2.75, 2.72, 2.25, 2.24, 2.54, 2.53, 2.10, 2.61, 2.40, 3.64, 3.25, 3.59, 2.50, 2.72, 1.72, 1.58, 1.53.
- Center Area:** 2.20, 2.22, 2.57, 1.94, 0.90, 0.87, 1.54, 1.17, 1.15, 1.70, 1.09, 0.56, 0.73, 0.37, 1.42.
- Bottom Left Area:** 0.26, 0.98, 0.99, 0.41, 0.08, 0.12, 0.14, 0.16, 0.39.
- Bottom Center Area:** 2.90, 3.22, 2.44, 2.66, 3.10, 1.72, 2.72, 2.50.

Precipitation Map for Week Ending April 30, 1954

Underscored Reports Unofficial

HIGHEST AND LOWEST TEMPERATURES (Max. for preceding 24 hours, Min. for preceding night)

		April.						May							
		27th		28th		29th		30th		1st		2nd		3rd	
		Max	Min	Max	Min.	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
NW	Chadron	61	37	77	55	66	26	38	29	33	27	--	26	33	16
	Scottsbluff	68	43	77	52	77	28	39	29	34	29	--	26	37	24
	Sidney	67	39	73	46	82	28	--	28	34	25	--	24	35	23
N-C	Burwell	64	41	70	48	61	36	37	32	43	30	--	--	--	--
	Valentine	53	33	75	53	73	30	35	29	31	27	31	29	35	20
NE	Norfolk	75	44	65	46	67	47	55	35	38	32	39	35	38	27
	Sioux City	80	48	68	46	65	54	56	39	41	36	43	36	41	30
CEN.	Grand Island	76	47	65	46	60	50	60	35	40	33	37	34	37	26
	Lexington	71	41	71	45	64	37	60	32	38	30	--	30	35	25
E-C	Lincoln	76	51	64	53	65	57	60	42	45	37	46	34	38	30
	Omaha	78	51	67	56	60	57	62	43	49	40	49	42	45	33
SW	Imperial	65	35	73	46	81	38	58	30	38	27	--	27	37	24
	North Platte	71	35	72	52	70	33	36	32	36	28	32	30	36	21

Penalty for Private Use to Avoid
Payment of Postage \$300